

### **REMARKS**

This Amendment and Response and the following remarks are intended to fully respond to the Final Office Action mailed July 14, 2009. In that Office Action, claims 1, 3-16, 18-20, and 22 were examined, and all were rejected. Specifically, claims 1, 3-16, 18-21, and 22 were rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over U.S. Patent No. 6,801,998 to Hanna et al. (hereinafter, “Hanna” in view of U.S. Patent No. 7,068,789 to Huitema et al. (hereinafter, “Huitema”). Reconsideration of these rejections, as they might apply to the original and amended claims in view of these remarks, is respectfully requested.

In this Amendment and Response, claims 1, 3-7, 9-10, 12, 14-16, 19, and 22 have been amended. Claims 2, 17, and 21 remain cancelled without prejudice. No claims have been added. Therefore, claims 1, 3-16, 18-20, and 22 remain present for examination. This application is in condition for allowance, and such action is respectfully requested.

### **Claim Rejections – 35 U.S.C. § 103(a): 1, 3-16, 18-20, & 22**

Claims 1, 3-16, 18-21, and 22 were rejected 35 U.S.C. § 103(a) as allegedly being unpatentable over Hanna in view of Huitema. The Applicants respectfully disagree and traverse these § 103(a) rejections. To establish a prima facie case of obviousness, the references must teach or suggest each and every one of the claim elements to one of ordinary skill in the art at the time the invention was made. *See* MPEP §§ 2142, 2143.03; *In re Wilson*, 424 F.2d 1382, 1385 (C.C. P.A. 1970). In addition, *KSR International Company v. Teleflex, Inc.*, 127 S. Ct. 1727, 1741 (2007), requires that there “must be some *articulated reasoning with some rational underpinning* to support the legal conclusion of obviousness.” (Emphasis added.) Further, “[A] patent composed of several elements is not proved obvious merely by demonstrating that each of its elements was, independently, known in the prior art.” *KSR Int’l Co.*, 127 S. Ct. at 1741. Specifically, the references fail to teach or suggest all of the claimed elements.

For example, with respect to claim 1, Hanna fails to teach or suggest at least the following:

...

creating group identity information;

*selecting a first subset of the group identity information to include in a first group identity information document for disclosure to a first receiving system;*

*selecting a second subset of the group identity information to include in a second group identity information document for disclosure to a second receiving system, wherein the second subset is different from the first subset, and wherein the second receiving system is different from the first receiving system;*

*generating a first group-signed group identity information document comprising the first subset of the group identity information, an embedded use policy that expresses a privacy policy providing instructions as to how the first subset of the group identity information may be used, wherein the embedded use policy is stored with the first subset of the group identity information, at least a first key, and a first group identity information document signature signed by a group owner using a second key associated with the first key, wherein the second key is a private key of the group and is owned by the group owner;*

*sending the first group-signed group identity information document to the first receiving system to establish the new group identity at the first receiving system.*

*Claim 1, supra (as amended) (emphasis added).*

Hanna relates generally to providing client access to a service or resource through an application server. *Hanna*, at 3:9-11. Specifically, Hanna teaches that the applicant desiring access does *not* have information regarding the groups that have access privileges to the desired service or resource. Hanna states, “In a preferred embodiment, the applicant is required to prove membership within a group having the requisite privileges to obtain access to the service or resource *without receipt of intelligible information from the application server regarding the identification of the group or groups having access privileges.*” *Hanna*, at 3:12-17 (*emphasis added*). By not having information regarding the “identification of the group or groups having access privileges,” for example, Hanna necessarily *teaches away from* at least claim 1’s “. . . *selecting a first subset of the group identity information to include in a first group identity information document for disclosure to a first receiving system,*” “. . . *selecting a second subset of the group identity information to include in a second group identity information document for disclosure to a second receiving system, wherein the second subset is different from the first subset, and wherein the second receiving system is different from the first receiving system,*” and

“ . . . generating a first group-signed group identity information document comprising the first subset of the group identity information, an embedded use policy that expresses a privacy policy providing *instructions as to how the first subset of the group identity information may be used*, wherein the embedded use policy is stored with the first subset of the group identity information . . . .” (Emphasis added.) Rather, Hanna provides that in response to a request for service, “the application server transmits *an encrypted message* to the client which includes an identification of the group or groups having a right of access to the service requested by the client.” *Hanna, at 3:17-21 (emphasis added)*. Accordingly, Hanna provides no teaching or suggestion, for example, of “selecting” a “first subset” of the group identity information to include in a first group identity information document “for disclosure to a first receiving system” or of “selecting” a “second subset” of the group identity information to include in a second group identity information document “for disclosure to a second receiving system” such that the second subset is different from the first subset and the second receiving system is different from the first receiving system. Instead, the applicant in Hanna does not even know the groups that have access privileges, and any identification is provided in an encrypted manner. As such, Hanna fails to teach or suggest each and every limitation of claim 1.

Further, Huitema fails to cure the deficiencies of Hanna. Huitema relates in embodiments to providing peer-to-peer communications. *Huitema, at 2:58-67*. In an embodiment, Huitema provides for establishing security through the use of public and private keys: “The keeper of the ID’s private key uses the certificate to attach additional information to the ID, such as the IP address, friendly name, etc. Preferably, each node generates its own pair of a private-public keys, although such may be provided by a trusted supplier. The public key is then included as part of the node identifier.” *Huitema, at 8:62-67*. Huitema therefore fails to teach or suggest, for example, “. . . selecting a first subset of the group identity information to include in a first group identity information document for disclosure to a first receiving system;” “. . . selecting a second subset of the group identity information to include in a second group identity information document for disclosure to a second receiving system, wherein the second subset is different from the first subset, and wherein the second receiving system is different from the first receiving system;” or “generating a first group-signed group identity information document comprising the first subset of the group identity information, an embedded use policy that expresses a privacy policy providing instructions as to how the first subset of the group

identity information may be used, wherein the embedded use policy is stored with the first subset of the group identity information . . . .” Huitema thus fails to cure the deficiencies of Hanna.

Accordingly, Hanna in view of Huitema fail to teach or suggest each and every limitation of claim 1, and allowance of this claim is respectfully requested. While the above discussion shows that Hanna in view of Huitema fail to teach or suggest each and every limitation of claim 1, amendments to claim 1 are made in the interest only of forwarding the prosecution of this application to allowance and are not necessarily made to address the Office Action’s rejections based on the cited references. Amendments are therefore made without prejudice. Because claims 3-8 depend on allowable base claim 1, these claims are also allowable, and such action is also respectfully requested. As such, any remaining arguments supporting the rejections of these claims are not acquiesced to even though they are not addressed herein.

In addition, for at least the reasons set forth above, Hanna in view of Huitema fail to disclose or suggest each and every limitation of claims 9 and 16. For example, Hanna in view of Huitema fail to teach or suggest at least the following:

...  
a group ID generate module generating a group certificate comprising at least a public key, a digital signature for the group, and an embedded use policy that *expresses a privacy policy providing instructions as to how a first subset of group identity information may be used at a first receiving system, wherein the embedded use policy is stored with the first subset of group identity information and wherein the first subset of group identity information is selected from group identity information for disclosure to the first receiving system and a second subset of group identity information is selected from the group identity information for disclosure to a second receiving system, the first subset being different from the second subset*; and  
a send module transmitting the group certificate to establish the new group identity at the first receiving system.

*Claim 9, supra (as amended) (emphasis added).*

...  
generating at the initiating system a group certificate comprising at least a group use policy that *expresses a privacy policy providing instructions as to how a first subset of group identity information may be used at the first receiving system, wherein the embedded use policy is stored with the first subset of group identity information, a group public key and a digital signature for the group signed with a group private key associated with the group public key, and wherein*

*the first subset of group identity information is selected from group identity information for disclosure to the first receiving system and a second subset of group identity information is selected from the group identity information for disclosure to a second receiving system, the first subset being different from the second subset;*

    sending the group certificate to the first receiving system to establish the new group identity at the first receiving system;

    sending a membership certificate to the first receiving system to establish an originator as a member of the new group at the first receiving system;

    generating a personal certificate having at least a public key of the originator, a personal use policy that expresses a personal privacy policy providing instructions as to how personal identity information may be used, wherein the embedded personal use policy is stored with the personal identity information, and a digital signature for the originator signed by the originator with a private key associated with the public key of the originator; and

    sending the personal certificate to establish the personal identity of the originator at the first receiving system.

*Claim 16, supra (as amended) (emphasis added).*

Accordingly, Hanna in view of Huitema fail to teach or suggest each and every limitation of claims 9 and 16, and allowance of these claims is respectfully requested. While the above discussion shows that Hanna in view of Huitema fail to teach or suggest each and every limitation of claims 9 and 16, amendments to claims 9 and 16 are made in the interest only of forwarding the prosecution of this application to allowance and are not necessarily made to address the Office Action's rejections based on the cited references. Amendments are therefore made without prejudice. Because claims 10-15, 18-20, and 22 depend on allowable base claims 9 and 16, respectively, these claims are also allowable, and such action is also respectfully requested. As such, any remaining arguments supporting the rejections of these claims are not acquiesced to even though they are not addressed herein.

For at least the above reasons, claims 1, 9 and 16 are allowable. Dependent claims 3-8, 10-15, 18-20, and 22 are also allowable for reciting further limitations of allowable base claims 1, 9, and 16, respectively. Accordingly, this application is in condition for allowance, and such action is respectfully requested.

### **Conclusion**

This Amendment and Response fully responds to the Final Office Action mailed July 14, 2009. Still, the Office Action may contain arguments and rejections that are not directly addressed by this Amendment and Response because they are rendered moot in light of the preceding arguments in favor of patentability. Hence, the failure, if any, of this Amendment and Response to directly address an argument and/or comment raised in the Office Action should not be taken as an indication that the Applicant believes the argument and/or comment has merit. Additionally, the failure, if any, to address statements/comments made by the Examiner does not mean that the Applicants acquiesce to such statements or comments. Furthermore, the claims of the present application may include other elements, not discussed in this Amendment and Response, which are not shown, taught, or otherwise suggested by the art of record. Accordingly, the preceding arguments in favor of patentability are advanced without prejudice to other bases of patentability.

It is believed that no fees are due with this Amendment and Response. However, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayment with respect to this patent application to deposit account number 13-2725.

In light of the above remarks and amendments, the application is in condition for allowance and such action is respectfully requested. Should any additional issues need to be resolved, the Examiner is respectfully requested to telephone the undersigned to attempt to resolve those issues.

Respectfully submitted,

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